

1  
C  
peels the printed media off of the strips and out from the waste paper frame. Thereby printed business cards (or other printed media), each with its entire perimeter defined by clean die cuts, are formed. Instead of calendering both edges of the web and thus the sheet, one end can be calendered and a strip of the laminate facestock can be stripped off of the liner sheet from the other end. The remaining thin liner sheet strip at the other end forms a thin infed edge for feeding into a horizontal feed, ink jet printer.--

In the Claims

Please cancel without prejudice or disclaimer claims 73-141.

Please add the following new claims:

142. (Newly Added – See Allowable Claim 88) A method of forming printable media, comprising:

providing a laminate sheet construction comprising (1) a film-coated liner sheet having a film layer on a liner sheet and (2) a facestock sheet adhered with an adhesive layer to the film layer of the film-coated liner sheet; the facestock sheet, the film layer and the adhesive layer together forming a laminate facestock;

2  
C  
cutting through the laminate facestock to the liner sheet to form facestock cut lines defining at least in part perimeters of printable media;

cutting through an outer face of the liner sheet to form liner-sheet cut lines defining a plurality of liner sheet strips on a back side of the laminate facestock; and

feeding the laminate facestock through a printer or copier for a printing operation on the facestock sheet to print on the printable media and thereby form printed media;

wherein the feeding includes automatically individually feeding the laminate facestock in a stack of same from an automatic feed tray of the printer and into the printer.

1.  
143. (Newly Added – See Allowable Claim 89) A method of forming printable media, comprising:

providing a laminate sheet construction comprising (1) a film-coated liner sheet having a film layer on a liner sheet and (2) a facestock sheet adhered with an adhesive layer to the film layer of the film-coated liner sheet; the facestock sheet, the film layer and the adhesive layer together forming a laminate facestock;

cutting through the laminate facestock to the liner sheet to form facestock cut lines defining at least in part perimeters of printable media;

cutting through an outer face of the liner sheet to form liner-sheet cut lines defining a plurality of liner sheet strips on a back side of the laminate facestock; and

wherein the liner sheet strips extend diagonally on the back of the laminate facestock.

2 144. (Newly Added – See Allowable Claim 92) A method of forming printable media, comprising:

providing a laminate sheet construction comprising (1) a film-coated liner sheet having a film layer on a liner sheet and (2) a facestock sheet adhered with an adhesive layer to the film layer of the film-coated liner sheet; the facestock sheet, the film layer and the adhesive layer together forming a laminate facestock;

cutting through the laminate facestock to the liner sheet to form facestock cut lines defining at least in part perimeters of printable media;

cutting through an outer face of the liner sheet to form liner-sheet cut lines defining a plurality of liner sheet strips on a back side of the laminate facestock; and

wherein the laminate sheet construction providing includes cutting the laminate sheet construction off of a web of laminate sheet construction material.

145. (Newly Added) A method of forming printable media, comprising:

providing a laminate sheet construction comprising (1) a film-coated liner sheet having a film layer on a liner sheet and (2) a facestock sheet adhered with an adhesive layer to the film layer of the film-coated liner sheet; the facestock sheet, the film layer and the adhesive layer together forming a laminate facestock;

cutting through the laminate facestock to the liner sheet to form facestock cut lines defining at least in part perimeters of printable media;

cutting through an outer face of the liner sheet to form liner-sheet cut lines defining a plurality of liner sheet strips on a back side of the laminate facestock; and

sheeting the laminate sheet construction into a plurality of sheets, each of the sheets including a plurality of the printable media and at least one of the liner sheet strips.

146. (Newly Added – See Allowable Proposed Amended Claim 73) The method of claim 145 wherein each of the sheets includes more than one of the liner sheet strips.

147. (Newly Added) The method of claim 145 wherein the plurality of printable media are arranged on the sheet in a matrix form including a plurality of columns and rows of the media.

148. (Newly Added) The method of claim 147 wherein the printable media comprise rectangular business cards.

149. (Newly Added) The method of claim 145 wherein the printable media comprise rectangular business cards.

150. (Newly Added – See Generally Old Claim 74) The method of claim 145 further comprising removing an end strip of the laminate facestock to expose a top surface of a strip of an end one of the liner sheet strips, the exposed strip defining a printer infeed end of the laminate sheet construction.

151. (Newly Added – See Generally Old Claim 75) The method of claim 150 wherein the printer infeed end defines a first printer infeed end, and further comprising calendering an end of the laminate sheet construction opposite to the exposed strip to define a second printer infeed end of the laminate sheet construction.

152. (Newly Added – See Generally Old Claim 76) The method of claim 151 further comprising feeding the laminate sheet construction via the first printer infeed end into a vertical feed ink jet printer.

153. (Newly Added – See Generally Old Claim 77) The method of claim 151 further comprising feeding the laminate sheet construction via the second printer infeed end into a horizontal feed ink jet printer.

154. (Newly Added – See Generally Old Claim 78) The method of claim 150 wherein the removing is before the liner sheet cutting.

155. (Newly Added – See Generally Old Claim 79) The method of claim 150 wherein the removing is after the liner sheet cutting.

2  
156. (Newly Added – See Generally Old Claim 80) The method of claim 145 further comprising removing some of the strips from the laminate facestock before feeding the laminate facestock into a printer or copier for a printing operation thereon.

157. (Newly Added – See Generally Old Claim 81) The method of claim 156 wherein the removing includes peeling said some of the strips off of the film layer.

158. (Newly Added – See Generally Old Claim 82) The method of claim 156 wherein the strips remaining on the laminate facestock after the removing cover at least a substantial proportion of the facestock cut lines.

159. (Newly Added – See Generally Old Claim 83) The method of claim 156 wherein the removing includes removing alternate ones of the strips.

160. (Newly Added – See Generally Old Claim 84) The method of claim 145 further comprising feeding the laminate facestock through a printer or copier for a printing operation on the facestock sheet to print on the printable media and thereby form printed media.

161. (Newly Added – See Generally Old Claim 85) The method of claim 160 further comprising after the printing operation, removing the printed media from the strips.

162. (Newly Added – See Generally Old Claim 86) The method of claim 161 wherein the removing includes peeling the printed media off of the strips.

163. (Newly Added – See Generally Old Claim 87) The method of claim 162 wherein the removed printed media comprise individual, printed clean edge business cards.

164. (Newly Added – See Generally Old Claim 88) The method of claim 160 wherein the feeding includes automatically individually feeding the laminate facestock in a stack of same from an automatic feed tray of the printer and into the printer.

165. (Newly Added – See Generally Old Claim 89) The method of claim 145 wherein the liner-sheet strips extend diagonally on the back of the laminate facestock.

166. (Newly Added – See Generally Old Claim 90) The method of claim 145 wherein the liner-sheet cut lines have a wavy curved shape across the back of the laminate facestock.

167. (Newly Added – See Generally Old Claim 91) The method of claim 145 wherein the liner-sheet cut lines cutting is after the facestock cut lines cutting.

168. (Newly Added – See Generally Old Claim 92) The method of claim 167 wherein the laminate sheet construction providing includes cutting the laminate sheet construction off of a web of laminate sheet construction material.

169. (Newly Added – See Generally Old Claim 93) The method of claim 145 wherein the facestock cut lines define the entire perimeters of all of the printable media.

170. (Newly Added – See Generally Old Claim 94) The method of claim 145 wherein the cutting steps both comprise die cutting.

171. (Newly Added – See Generally Old Claim 95) The method of claim 145 wherein the cutting steps both comprise laser cutting.

172. (Newly Added – See Generally Old Claim 96) The method of claim 145 wherein the liner sheet comprises a densified bleached kraft paper liner sheet, and the film layer comprises a low density polyethylene layer which is extrusion coated on the densified bleached kraft paper liner sheet.

173. (Newly Added – See Generally Old Claim 97) The method of claim 145 wherein the adhesive layer comprises hot melt pressure sensitive adhesive, and the facestock sheet is laminated with the adhesive layer to the film layer of the film-coated liner sheet.

2  
174. (Newly Added – See Generally Old Claim 98) The method of claim 145 wherein the laminate sheet construction is provided in a roll, and further comprising before the cutting steps, loading the roll onto a press with the liner sheet side up.

C  
175. (Newly Added – See Generally Old Claim 99) The method of claim 174 wherein the facestock cut lines cutting comprises after the loading, die cutting the laminate sheet construction from the bottom up, and wherein the liner-sheet cut lines cutting comprises die cutting the laminate sheet construction from the top down.

176. (Newly Added – See Generally Old Claim 100) The method of claim 145 further comprising calendering a lead-in edge of the laminate sheet construction.

177. (Newly Added – See Generally Old Claim 101) The method of claim 176 wherein the calendering is before both of the cutting steps.

178. (Newly Added – See Generally Old Claim 102) The method of claim 176 wherein the calendering includes calendering both a lead-in edge of the liner sheet and of the facestock sheet.

179. (Newly Added – See Generally Old Claim 103) The method of claim 145 further comprising after both of the cutting steps, feeding the laminate facestock into an ink jet printer for a printing operation on the facestock sheet and thereby forming a sheet of printed media.

180. (Newly Added – See Generally Old Claim 104) The method of claim 145 wherein at least one of the cutting steps includes laser cutting.

181. (Newly Added) The method of claim 145 wherein the liner sheet strips define oppositely-facing, spaced fish-shaped strips.

2. 182. (Newly Added) A method of forming a printable media sheet construction, comprising:

2. (a) providing a sheet construction including a liner sheet and a facestock sheet;  
(b) cutting the facestock sheet without cutting the liner sheet to form printable media;  
(c) cutting the liner sheet without cutting the facestock sheet to form a plurality of spaced liner strips on the facestock sheet and a web of interconnected liner waste strips between the spaced liner strips;  
(d) after (c), removing the web as a single unit from off of the facestock sheet; and  
(e) sheeting the sheet construction into a plurality of sheets, each of the sheets including a plurality of the printable media and at least one of the liner strips.

3. 183. (Newly Added – See Allowable Proposed Amended Claim 120) The method of claim 182 wherein the at least one of the liner strips includes more than one of the liner strips.

4. 184. (Newly Added – See Generally Old Claim 121) The method of claim 182 further comprising (f) removing an end strip of the facestock sheet to expose a printer infeed end strip of the liner sheet.

5. 185. (Newly Added) The method of claim 184 wherein (f) is after (b) and (c).

6. 186. (Newly Added) The method of claim 184 wherein (f) is before (b) and (c). 4
7. 187. (Newly Added) The method of claim 184 further comprising (g) calendering an edge of the facestock sheet opposite to the end strip of the liner sheet. 4
8. 188. (Newly Added) The method of claim 182 wherein (d) includes winding the web on a roll. 2
9. 189. (Newly Added) The method of claim 182 wherein (c) is after (b). 2
10. 190. (Newly Added) The method of claim 182 further comprising (f) calendering opposite ends of the sheet construction. 2
11. 191. (Newly Added) The method of claim 182 wherein the plurality of printable media are arranged on the sheet in a matrix form including a plurality of columns and rows of the media. 2
12. 192. (Newly Added) The method of claim 191 wherein the printable media comprise rectangular business cards. 11
13. 193. (Newly Added) The method of claim 182 wherein the printable media comprise rectangular business cards. 2
14. 194. (Newly Added) The method of claim 182 wherein the liner sheet strips define oppositely-facing, spaced fish-shaped strips. 2

195. (Newly Added) A method of forming printable media, comprising:  
providing a laminate sheet construction comprising (1) a film-coated liner sheet having a film layer on a liner sheet and (2) a facestock sheet adhered with an adhesive layer to the film layer of the film-coated liner sheet; the facestock sheet, the film layer and the adhesive layer together forming a laminate facestock;



cutting through the laminate facestock to the liner sheet to form facestock cut lines defining at least in part perimeters of printable media;

cutting through an outer face of the liner sheet to form liner-sheet cut lines defining a plurality of liner sheet strips on a back side of the laminate facestock; and

wherein the printable media comprise a plurality of rectangular business cards arranged in a matrix including a plurality of columns and a plurality of rows of the cards.

15.  
196. (Newly Added) A method of forming a printable media sheet construction, comprising:

(a) providing a sheet construction including a liner sheet and a facestock sheet;  
(b) cutting the facestock sheet without cutting the liner sheet to form printable media;  
(c) cutting the liner sheet without cutting the facestock sheet to form a plurality of spaced liner strips on the facestock sheet and a web of interconnected liner waste strips between the spaced liner strips; and

(d) after (c), removing the web as a single unit from off of the facestock sheet;  
wherein the printable media comprise a plurality of rectangular business cards arranged in a matrix which includes a plurality of rows and a plurality of columns of the cards.

16.  
197. (Newly Added - See Old Claim 80) A method of forming printable media, comprising:

providing a laminate sheet construction comprising (1) a film-coated liner sheet having a film layer on a liner sheet and (2) a facestock sheet adhered with an adhesive layer to the film layer of the film-coated liner sheet; the facestock sheet, the film layer and the adhesive layer together forming a laminate facestock;

cutting through the laminate facestock to the liner sheet to form facestock cut lines defining at least in part perimeters of printable media;

cutting through an outer face of the liner sheet to form liner-sheet cut lines defining a plurality of liner sheet strips on a back side of the laminate facestock; and

removing some of the strips from the laminate facestock before feeding the laminate facestock into a printer or copier for a printing operation thereon.

~~17.~~ 198. (Newly Added – See Generally Old Claim 81) The method of claim ~~197~~ <sup>16.</sup> wherein the removing includes peeling said some of the strips off of the film layer.

~~18.~~ 199. (Newly Added – See Generally Old Claim 82) The method of claim ~~197~~ <sup>16.</sup> wherein the strips remaining on the laminate facestock after the removing cover at least a substantial proportion of the facestock cut lines during the printing operation.

~~19.~~ 200. (Newly Added – See Generally Old Claim 83) The method of claim ~~197~~ <sup>16.</sup> wherein the removing includes removing alternate ones of the strips and the remaining strips remaining on the laminate facestock during the printing operation.

2  
C  
201. (Newly Added) A method of forming printable media, comprising:  
providing a laminate sheet construction comprising (1) a film-coated liner sheet having a film layer on a liner sheet and (2) a facestock sheet adhered with an adhesive layer to the film layer of the film-coated liner sheet; the facestock sheet, the film layer and the adhesive layer together forming a laminate facestock;

cutting through the laminate facestock to the liner sheet to form facestock cut lines defining at least in part perimeters of printable media; and

sheeting the sheet construction into a plurality of sheets, each of the sheets including a plurality of the printable media.

202. (Newly Amended) The method of claim 201 wherein the printable media define a matrix of rectangular business cards comprising a plurality of rows and columns of the cards.

203. (Newly Amended) The method of claim 202 wherein the business cards each comprise a single piece, single material card, and the business cards directly abut business cards in adjacent rows and columns separated only by the facestock cut line therebetween.

204. (Newly Added) The method of claim 201 wherein the cutting comprises die cutting.

205. (Newly Added) The method of claim 201 wherein the cutting comprises laser cutting.

206. (Newly Added) The method of claim 201 wherein the liner sheet comprises a densified bleached draft paper liner sheet, and the film layer comprises a low density polyethylene layer which is extrusion coated on the densified bleached kraft paper liner sheet.

207. (Newly Added) The method of claim 201 wherein the adhesive layer comprises hot melt pressure sensitive adhesive, and the facestock sheet is laminated with the adhesive layer to the film layer of the film-coated liner sheet.

208. (Newly Added) The method of claim 201 further comprising removing an end strip of the facestock sheet to expose a top surface of a strip of an end one of the liner sheet, the exposed strip defining a printer infeed end of the laminate sheet construction.

209. (Newly Added) The method of claim 208 wherein the printer infeed end defines a first printer infeed end, and further comprising calendering an end of the laminate sheet construction opposite to the exposed strip to define a second printer infeed end of the laminate sheet construction.

210. (Newly Added) The method of claim 209 further comprising feeding the laminate sheet construction via the first printer infeed end into a vertical feed ink jet printer.

211. (Newly Added) The method of claim 209 further comprising feeding the laminate sheet construction via the second printer infeed end into a horizontal feed ink jet printer.

212. (Newly Added) The method of claim 201 further comprising passing the sheet through a printer or copier and printing indicia on the printable media, and after the printing separating the media from the liner sheet.

20.  
213. (Newly Added) A method of forming printable media, comprising:  
providing a laminate sheet construction comprising (1) a film-coated liner sheet having a film layer on a liner sheet and (2) a facestock sheet adhered with an adhesive to the film layer of the film-coated liner sheet; the facestock sheet, the film layer and the adhesive layer together forming a laminate facestock;

2  
cutting through the laminate facestock to the liner sheet to form facestock cut lines defining at least in part perimeters of printable media;

cutting through an outer face of the liner sheet to form a liner-sheet cut line to define a narrow liner sheet strip along a leading edge of the facestock sheet; and

removing the liner sheet strip from the facestock sheet.

21.  
214. (Newly Added) The method of claim 213 further comprising sheeting the laminate sheet construction into a plurality of sheets, each of the sheets including a plurality of the printable media.

22.  
215. (Newly Added) The method of claim 214 wherein the plurality of printable media comprise an array of adjacent columns and rows of rectangular business cards separated by the facestock cut lines.

~~23.~~ ~~216.~~ (Newly Added) The method of claim ~~213~~ <sup>20.</sup> wherein the liner-sheet cut line defines a first liner-sheet cut line, the narrow liner sheet strip defines a first narrow liner sheet strip; and further comprising cutting through an outer face of the liner sheet to form a second liner-sheet cut line which defines a second narrow liner sheet strip along a trailing edge of the facestock sheet, and removing the second liner sheet strip from the facestock sheet.

~~24.~~ ~~217.~~ (Newly Added) The method of claim ~~213~~ <sup>20.</sup> wherein the liner-sheet cut line is between all of the facestock cut lines and the leading edge.

~~25.~~ ~~218.~~ (Newly Added) A method of forming a printable media sheet construction, comprising:

- 2
- (a) providing a sheet construction including a liner sheet and a facestock sheet;
  - (b) cutting the facestock sheet without cutting the liner sheet to form printable media;
  - (c) cutting the liner sheet without cutting the facestock sheet to form a liner-sheet cut line which defines a narrow liner sheet strip along a leading edge of the facestock sheet; and
  - (d) removing the narrow liner sheet strip from the facestock sheet.
- C

~~26.~~ ~~219.~~ (Newly Added) The method of claim ~~218~~ <sup>25.</sup> further comprising (e) sheeting the sheet construction into a plurality of sheets, each of the sheets including a plurality of the printable media.

~~27.~~ ~~220.~~ (Newly Added) The method of claim ~~218~~ <sup>25.</sup> wherein the liner-sheet cut line defines a first liner-sheet cut line, the narrow liner sheet strip defines a first liner sheet strip, (c) includes cutting the liner sheet without cutting the facestock sheet to form a second liner-sheet cut line which defines a second narrow liner sheet strip along an opposite trailing edge of the facestock sheet and (d) includes removing the second narrow liner sheet strip from the facestock sheet.

~~28.~~  
~~221.~~ (Newly Added) The method of claim ~~218~~<sup>25.</sup> wherein the liner-sheet cut line is between all of the printable and the leading edge.

~~29.~~  
~~222.~~ (Newly Added) A method of forming printable media, comprising:  
providing a laminate sheet construction including (1) a film-coated liner sheet having a film layer on a liner sheet and (2) a facestock sheet adhered with an adhesive to the film layer of the film-coated liner sheet; the facestock sheet, the film layer and the adhesive layer together forming a laminate facestock;

cutting through the laminate facestock to the liner sheet to form facestock cut lines defining at least in part perimeters of printable media; and

forming a liner-sheet flexibility line in the liner sheet which forms a narrow liner sheet strip along a leading edge of the facestock sheet.

~~30.~~  
~~223.~~ (Newly Added) The method of claim ~~222~~<sup>29.</sup> wherein the forming includes cutting the liner sheet.

~~31.~~  
~~224.~~ (Newly Added) The method of claim ~~223~~<sup>30.</sup> wherein the cutting comprises die cutting.

~~32.~~  
~~225.~~ (Newly Added) The method of claim ~~222~~<sup>29.</sup> wherein the liner-sheet flexibility line defines a first liner-sheet flexibility line, the narrow liner sheet strip defines a first liner sheet strip, and further comprising forming a second liner-sheet flexibility line in the liner sheet which forms a narrow second liner sheet strip along an opposite trailing edge of the facestock sheet.

~~33.~~  
~~226.~~ (Newly Added) The method of claim ~~222~~<sup>29.</sup> wherein the flexibility line is between all of the facestock cut lines and the leading edge.

~~34.~~  
~~227.~~ (Newly Added) A method of forming a printable media sheet construction, comprising:

- (a) providing a sheet construction including a liner sheet and a facestock sheet;
- (b) cutting the facestock sheet without cutting the liner sheet to form printable media; and
- (c) without cutting the facestock sheet, forming on the liner sheet a liner-sheet flexibility line which defines a narrow liner sheet strip along a leading edge of the facestock sheet.

~~35.~~ ~~34.~~  
~~228.~~ (Newly Added) The method of claim ~~227~~ wherein the forming includes cutting the liner sheet.

~~36.~~ ~~35.~~  
~~229.~~ (Newly Added) The method of claim ~~228~~ wherein the cutting includes die cutting.

~~37.~~ ~~34.~~  
~~230.~~ (Newly Added) The method of claim ~~227~~ wherein the liner-sheet flexibility line defines a first liner-sheet flexibility line, the narrow liner sheet strip defines a first liner sheet strip, and further comprising (d) without cutting the facestock sheet, forming on the liner sheet a second liner-sheet flexibility line which defines a narrow second liner sheet strip along a trailing edge of the facestock sheet.

~~38.~~ ~~34.~~  
~~231.~~ (Newly Added) The method of claim ~~227~~ wherein the flexibility line is between all of the printable media and the leading edge.

**Remarks**

In the above-mentioned Office Action, the abstract was objected to, claim 123 was rejected as being indefinite, claims 120, 121 and 126 were rejected as anticipated by Fagnant et al., claims 73-87, 90, 91, 93-104, 122-125, 127 and 141 were rejected as unpatentable over Fagnant et al., and claims 88, 89 and 92 were objected to.